

Das **Institut für Biochemie** lädt gemeinsam mit dem Ortsverband der  
**Gesellschaft Deutscher Chemiker** zu einem

## *K o l l o q u i u m d e r G D C h*

**Großer Hörsaal des Instituts für Biochemie**

Felix-Hausdorff-Str. 4, Greifswald

**Montag, 22. Januar 2018, 16 Uhr c.t.**

### **Dr. Benoit Masquida**

Génétique Moléculaire Génomique Microbiologie  
Université de Strasbourg, France

**spricht zum Thema:**

## **Structures and mechanisms involved in RNA processing and transport**

### **Abstract:**

During the last decade, RNA has gained more attention from researchers due to its involvement in all processes in all kingdoms of life. RNA functions are diverse, from gene regulation to catalysis. These functions result from folding and structures that are complex and intricate, highly dynamic and can be controlled by metabolites and protein factors. This presentation will focus on a couple of RNA structures and how these transit signals for ongoing processes. The examples will uncover RNA catalysis by the Lariat-Capping ribozyme and RNA mitochondrial import with potential therapeutic applications.

Einladende  
Prof. Dr. Sabine Müller

PD Dr. Heike Kahlert  
Vorsitzende des Ortsverbandes der GDCh